

FARM POND DATA SHEET

Cooperator: _____ Field Office: _____
Conservation District: _____ Location: _____
Identification No.: _____ Field No.: _____ Site #: _____

SAFETY HAZARD CLASSIFICATION-NEM 520.23

Location and valley configuration are on this form.
Existing development ^{1/} and other pertinent improvements. _____

Potential for future development is none _____
low _____ high _____ because (e.g. dam's proximity to present development). _____

Other comments ^{2/} _____

This is a class a _____ b _____ c _____ earth dam.

Signature Date

^{1/} Includes houses, utilities, highways, railroads, farm or commercial buildings, and other pertinent improvements.

^{2/} Include results obtained from breach routings, if breach routings are used as part of the classification process.

Peak Runoff: Q= _____ c.f.s. (attach calculations)

Spillway Protection-Kind: _____

Slope Protection-Kind: _____

Principal Spillway: (see attached design) _____

Type: _____

Surface Area: _____ Ac. Storage: _____ Ac.Ft

Inventory Dam: ☐ Yes ☐ No (See NEM 521.21)

Submit inventory data to State Conservation Engineer

Data Prepared By: _____

Date: _____

Submitted to Area Eng. _____ Initials _____ Date _____

All Permits Have Been Obtained _____ Initials _____

Date _____

PROFILE OF SPILLWAY BELOW ENTRANCE

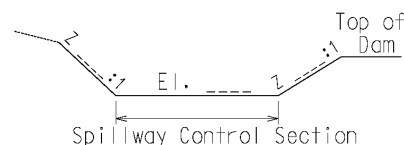
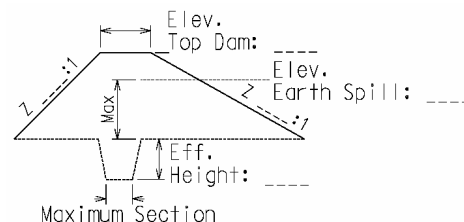
Use appropriate scale

SPILLWAY CONTROL SECTION DESIGN: Chart No. _____

Excavated Spwy: q _____ Hp _____ b _____ d_c _____ V _____ L _____ Z _____ : 1 Retardance _____

Natural Spwy: Natural Ground Slope (Z₂)% _____ Q _____ Hp _____ V _____ Retardance _____

Slope Range %: Min. _____ Max. _____ Design _____



SKETCH OF DAM, SPILLWAY, AND RESERVOIR. Show BM Location, Sta.0+00, Reference Points, North Arrow, Appurtenant Structures, and Reference to Field Location.

Designed By _____ Date _____

Approved By _____ Date _____

Cooperator: _____ Site #: _____
Survey Party _____ Date _____

[illegible]

^{1/} For simple embankments with relatively level sections where volume can be computed using fill height method.

Embankment (Cu. Yds.): _____
 Core (Cu. Yds.): _____
 Foundation Stripping (Cu. Yds.): _____
 Total (Cu. Yds.): _____
 Computations Check By: _____ Date: _____

Cooperator: _____ Site #: _____

Soil Investigation Report

Location of Borings	Depth	USDA or Unified Report of Findings

Based on soil characteristics is the pond site satisfactory? Yes _____ No _____

Construction Recommendations

Foundation: _____

Embankment: _____

Spillway: _____

Vegetative Requirements: _____

CONSTRUCTION CHECK

[illegible]

As Built Width of Spillway: _____ Ft. Exceptions: _____
As Built Spillway Elev.: _____ Ft. _____
As Built Depth of Reservoir: _____ Ft. _____

Signed: _____ Date: _____